

Amendments to the Specification

Please replace the paragraph on page 3 beginning "The door frame 3" with the following:

The door frame 3 can be of any suitable construction, such as the construction disclosed in prior Kennedy U.S. Patent No. RE. 36,853 wherein the door frame comprises a pair of vertical columns supporting a horizontal lintel. As described in the RE 36,853 patent and shown in Fig. 1 of this application, the columns 59 are vertically adjustable to fit mine passages of different heights and yieldable to accommodate mine convergence without permanent deformation of the door frame. Other door frames may also be used with the mine door assembly of this invention.

Please replace the paragraph on page 5 beginning "The space 25" with the following:

The space 25 between panels 21, 23 bounded by the top 9, bottom 11 and sides 13 of the frame 7 is generally completely filled with a central core comprising a solidified filling 33 having a force-transmitting relationship with the frame and the panels, the frame, panels and filling constituting an integrated stress-resistant structure. The filling 33 is preferably a polyethylene foam having the propensity of bonding to the panels (and door frame 7) by adhesion thus establishing the force-transmitting relationship therewith, and further being fire-resistant. A polyurethane foam having these attributes and one which is adapted for infilling space 25 and solidifying into a solid relatively light-weight central core having strength in tension and compression is that sold under the name VERSI-FOAM by RHH Foam Systems of Cudahy, Wisconsin. Alternatively, the filling 33 can be foamed cement, gypsum cement, foamed lead,

polystyrene or other materials providing the necessary strength characteristics (e.g., in tension, compression and shear). The panels 21, 23 may be treated (e.g., cleaned to remove oil or grease) or provided on their inside faces with means for effecting or augmenting the bonding to establish the force-transmitting relationship. This means can take various forms, including etching, ribs or other irregularities on the inside faces of the panels. Alternatively, wire screen 28 (Fig.1), rebar-type elements 26 (Fig.2) or other mechanical coupling devices may be attached to the inside faces of the panels for increasing surface area and/or interference with the filling 33 after it has set. Such mechanical coupling devices may be used in lieu of or as a supplement to adhesion to establish the force-transmitting relationship between the filling 33 and the door panels 21, 23.